Form 3160-3 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UTU-0579

APPLICATION FOR PERMIT TO	6. If Indian, Allottee or Tribe Name				
la. Type of Work: X DRILL REI	7. If Unit or CA Agreement, Name and No.  NATURAL BUTTES UNIT				
				8. Lease Name and	
b. Type of Well: Oil Well X Gas Well Other		Single Zone	Multiple Zone	NBU	920-25F
2. Name of Operator				9. API Well No.	
WESTPORT OIL & GAS COMPANY, L.P.				43	1047-37008
3A. Address	3b. Phone N	o. (include area co	de)	10. Field and Pool, o	
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		(435) 781-7	060	NATUR	AL BUTTES
4. Location of Well (Report location clearly and in accordance with		uirements.*)		11. Sec., T., R., M.,	or Blk, and Survey or Area
At surface SENW 2194' FNL 1924' FWL 6/86		40.0075			
	92984	-109.61	6417		-T9S-R20E
14. Distance in miles and direction from nearest town or post office*	•			12. County or Parish	
11.05 MILES SOUTHEAST OF OURAY, UTAH			r =	UINTAH	UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)		Acres in lease	17. Spacing Unit de		
		1920	20. BLM/BIA Bond	40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  TOPO C	19. Propose	0050'	20. BLM/BIA BONG	CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work wi	ll start* .	23. Estimated duration	on
4862.7' GL		UPON APPR	OVAL	TO BE D	ETERMINED
	24. <i>A</i>	Attachments			
The following, completed in accordance with the requirements of On	shore Oil and	Gas Order No. 1,	shall be attached to the	is form:	
1. Well plat certified by a registered surveyor.		4. Bond to co	ver the operations ur	nless covered by an exis	ting bond on file (see
2. A Drilling Plan.		Item 20 ab	ove).		
3. A Surface Use Plan (if the location is on National Forest System I	Lands, the	5. Operator ce	rtification.		
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other	site specific informati	on and/or plans as may	be required by the
		authorized	•		. ,
25_Signature	Nat	ne (Printed/Typed)	)		Date
Dela Dominia		Di	EBRA DOMENI	CI	8/17/2005
Title ASSOCI	ATE ENV	IRONMENTA	L ANALYST		
Approved by (Signature)		ne (Printed/Typed,			Date
		EY G. HIL			08-25-05
Title	VIRONME	*TAL SCIENTI	ST III		
Application approval does not warrant or certify that the applicant ho	olds legal or e	quitable title to the	se rights in the subjec	t lease which would ent	title the applicant to conduct
operations thereon.					

Conditions of approval, if any, are attached.

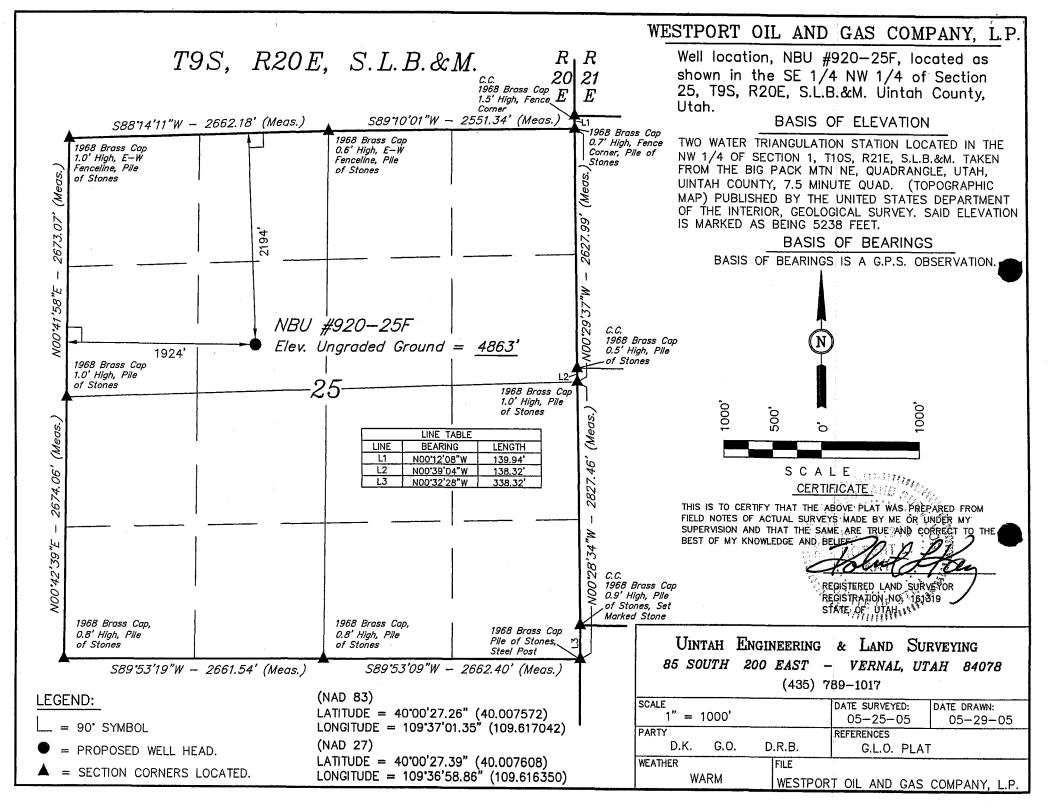
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

**RECEIVED** AUG 1 9 2005

Federal Approval of this Action is Necessary

DIV. OF OIL, GAS & MINING



# NBU #920-25F SENW SEC 25-T9S-R20E UINTAH COUNTY, UTAH UTU-0579

# ONSHORE ORDER NO. 1

# DRILLING PROGRAM

# 1. Estimated Tops of Important Geologic Markers:

Formation	<u>Depth</u>
Uinta	0- Surface
Green River	1790'
Wasatch	5150'
Mesaverde	8150'
TD	10050'

# 2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>	
	Green River	1790'	
Gas	Wasatch	5150'	
Gas	Mesaverde	8150'	
Water	N/A		
Other Minerals	N/A		

# 3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

### 4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

### 5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

# 6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

### 7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 10050' TD, approximately equals 4020 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1809 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

# 8. <u>Anticipated Starting Dates:</u>

Drilling is planned to commence immediately upon approval of this application.

# 9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

# 10. Other Information:

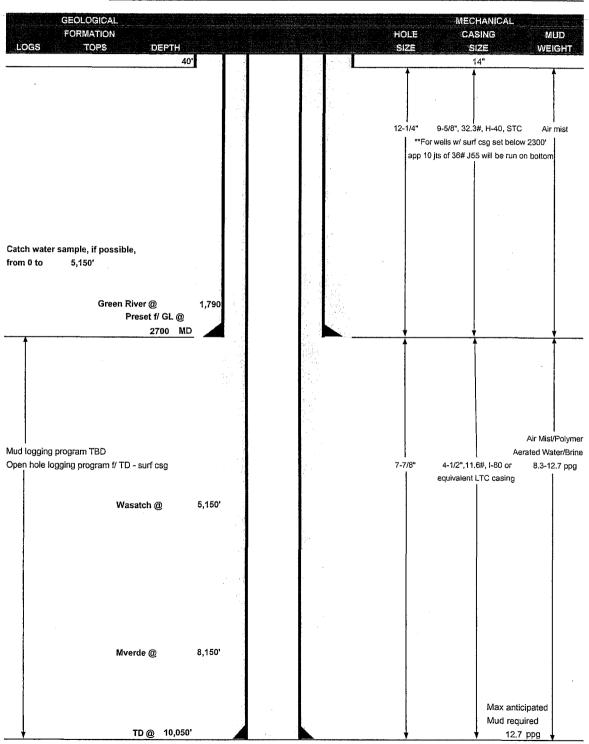
Please see Natural Buttes Unit SOP.



# Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

COMPANY NAME W		Westport Oil and Gas Co., L.P.				DA	ATE	August 3, 2005					
WELL NAM	ΛE _	NBU 920-2	5F			TE	)	10,050'	MD/TVD				
FIELD	Natural Butte	s	COUNTY Uint	ah S	TATE	Utah		ELEVATION	4,863'	GL	KE	3 4,878'	
SURFACE	LOCATION	SESW SEC	CTION 25-T9S-F	R20E 2194'FN	L & 192	4'FWL					BHL	Straight Hole	•
		Latitude:	40.007572	Longitude:	109	9.617042							•
OBJECTIV	'E ZONE(S)	Wasatch/M	esaverde										
ADDITION	AL INFO	Regulatory	Agencies: BLM	(SURF & MIN	ERALS	), UDOGN	/I, Tri-Co	unty Health De	ept.				





# Westport Oil and Gas Company, L.P. DRILLING PROGRAM

#### CASING PROGRAM

								eggs and a service of the service of	DESIGN FACT	grand response to find the same and adopting the first
	SIZE	INT	ERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	(	0-40'							
		İ						2270	1370	254000
SURFACE	9-5/8"	0	to	2300	32.30	H-40	STC	0.51******	1.27	3.33
								3520	2020	564000
	9-5/8"	2300	to	2700	36.00	J-55	STC	1.03******	1.60	7.39
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	10050	11.60	I-80	LTC	1.76	0.96	1.98

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

12.7 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP 4426 psi

Burst SF is low but csg is stronger than formation at

2700 feet

EMW@

2700 for 2270# is 16.2 ppg or 0.8 psi/ft

#### CEMENT PROGRAM

							marini
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1	1		+ .25 pps flocele				
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt	100	1	15.60	1.18
			+ 2% CaCl + .25 pps flocele		1. (4.1)		
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surfac	e, option 2	2 will be util	ized	. 14
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC	1			- 1
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
					r.e		
PRODUCTION	N LEAD	4,650'	Premium Lite II + 3% KCI + 0.25 pps	510	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,400'	50/50 Poz/G + 10% salt + 2% gel	1510	60%	14.30	1.31
			+.1% R-3				

<sup>\*</sup>Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

#### FLOAT EQUIPMENT & CENTRALIZERS

Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring

centralizers. Thread lock guide shoe.

#### PRODUCTION

Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

#### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

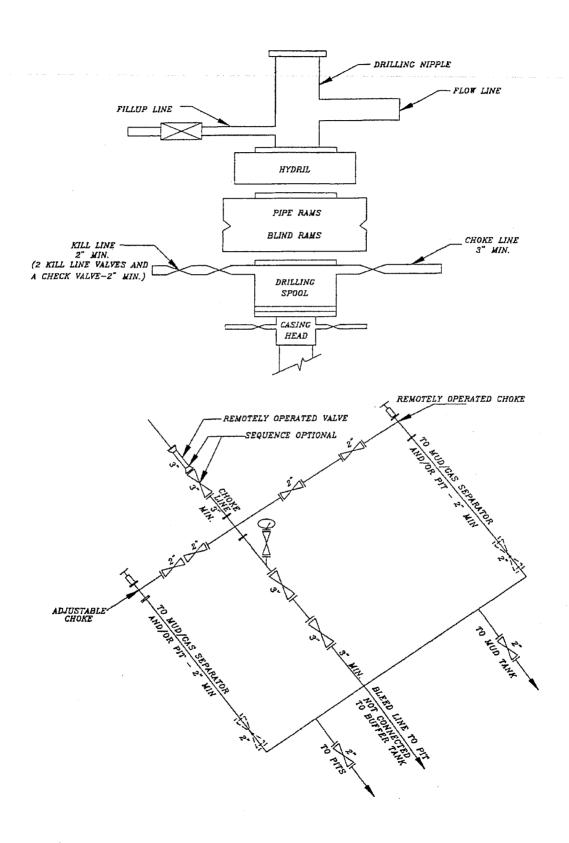
& lower kelly valves.

Randy Bayne NBU920-25F\_I80\_APD(pipeline).xls

DATE:

<sup>\*</sup>Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



# NBU #920-25F SENW SEC 25-T9S-R20E UINTAH COUNTY, UTAH UTU-0579

### ONSHORE ORDER NO. 1

# MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU #920-25F on 8/9/05, for the subject well.

# 1. <u>Existing Roads</u>:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

### 2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.7 miles of existing 2-track needs upgraded, approximately 0.5 miles of re-habed road needs upgraded, and approximately 110' of new access road is proposed. Refer to Topo Map B.

# 3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

### 4. <u>Location of Existing & Proposed Facilities</u>

Please see the Natural Buttes Unit SOP.

Refer to Topo Maps D and D1 for the location of the proposed pipelines.

# Variances to Best Management Practices (BMPs) Requested:

Approximately 135' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurate bedrock, such as sandstone, is at or within 2 feet of the surface.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

### 5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

# 6. Source of Construction Materials

Please see the Natural Buttes SOP.

# 7. Methods of Handling Waste Materials

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

## 8. Ancillary Facilities:

Please see the Natural Buttes SOP.

# 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads. The hillside on the northwest side of the pit will be avoided.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

# 10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Mat Saltbush	3 lbs.
Crested Wheatgrass	3 lbs.
Gardiner Saltbush	3 lbs.
Scarlet Globe Mallow	3 lbs.

The topsoil shall be spread on the location where practical and reseeded one time.

# 11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

# 12. Stipulations:

### Wildlife Stipulations:

## **Antelope Stipulations:**

No construction from May 15 through June 20. A variance may be granted upon request.

### 13. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

### 13. Lessee's or Operator's Representative & Certification:

Debra Domenici Associate Environmental Analyst Wesport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici 8/17/2005

Date

# WESTPORT OIL AND GAS COMPANY, L.P.

# NBU #920-25F SECTION 25, T9S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2,2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING RE-HABED ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-25A TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #920-25C TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 110' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 42.15 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

NBU #920-25F LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T9S, R20E, S.L.B.&M.

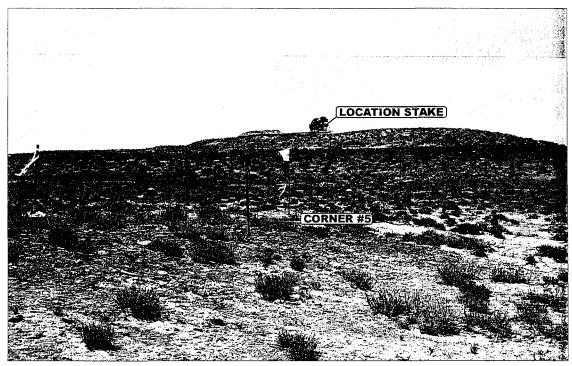


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: NORTHWESTERLY** 

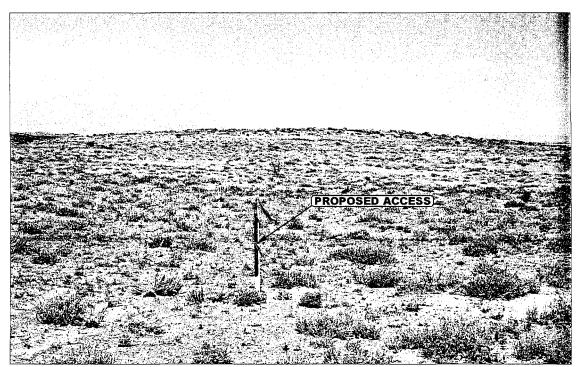


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



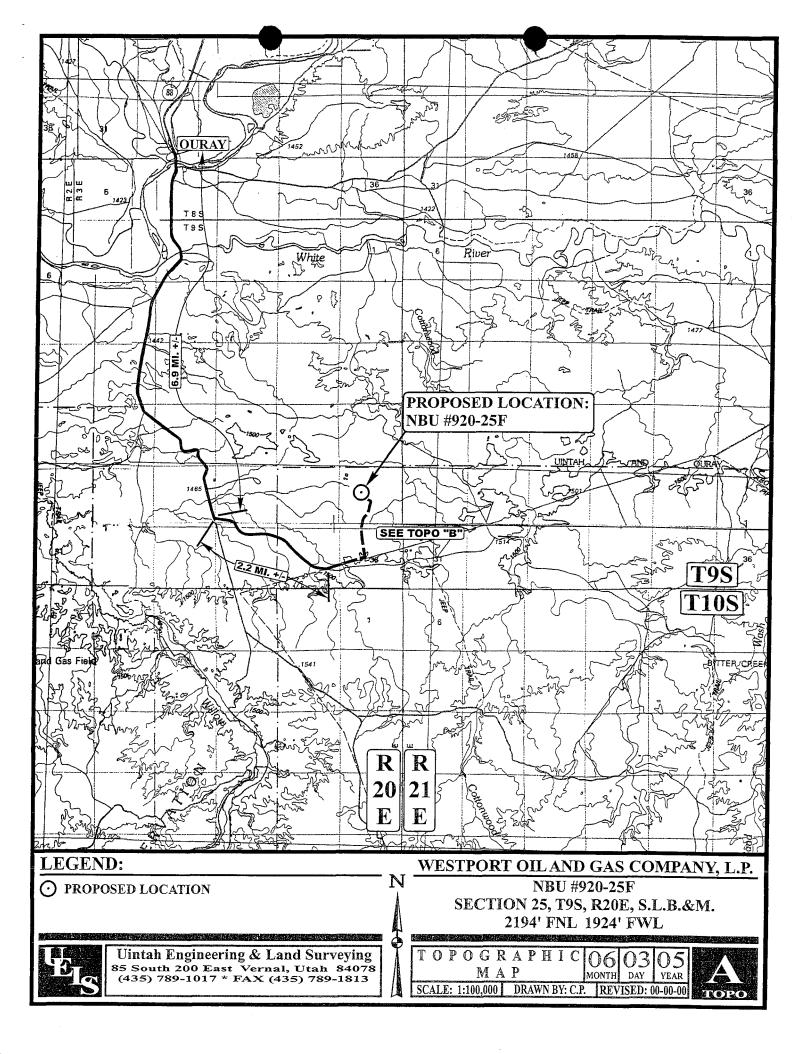
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

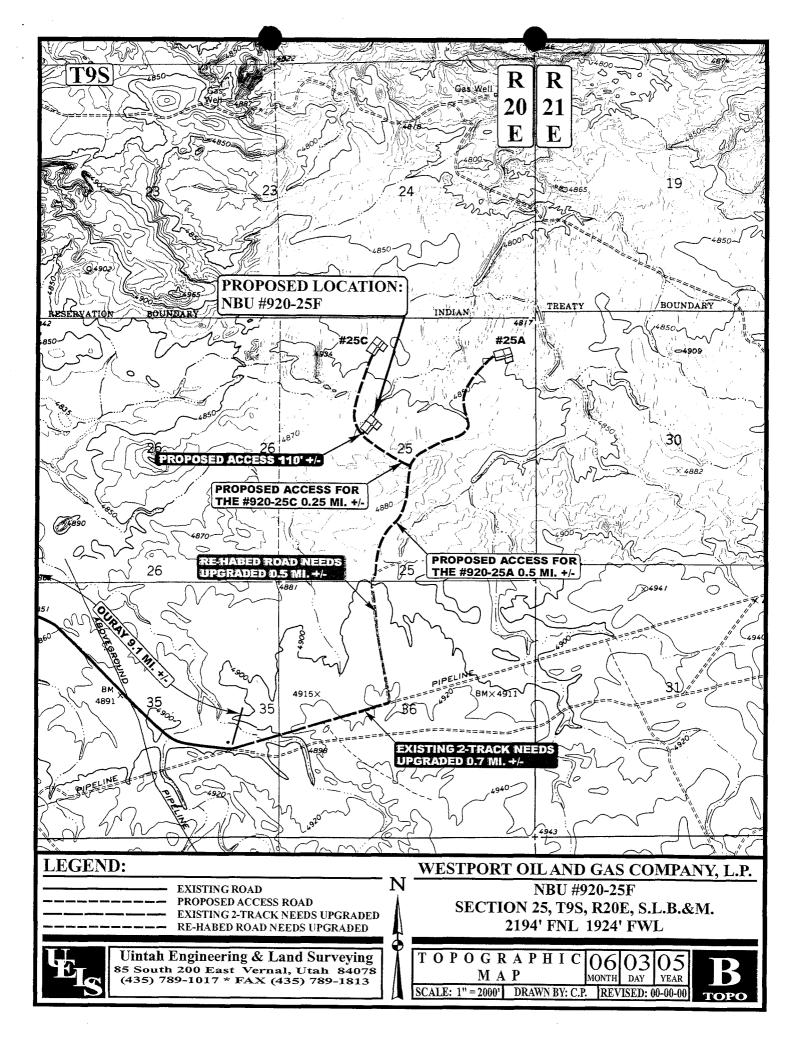
LOCATION PHOTOS

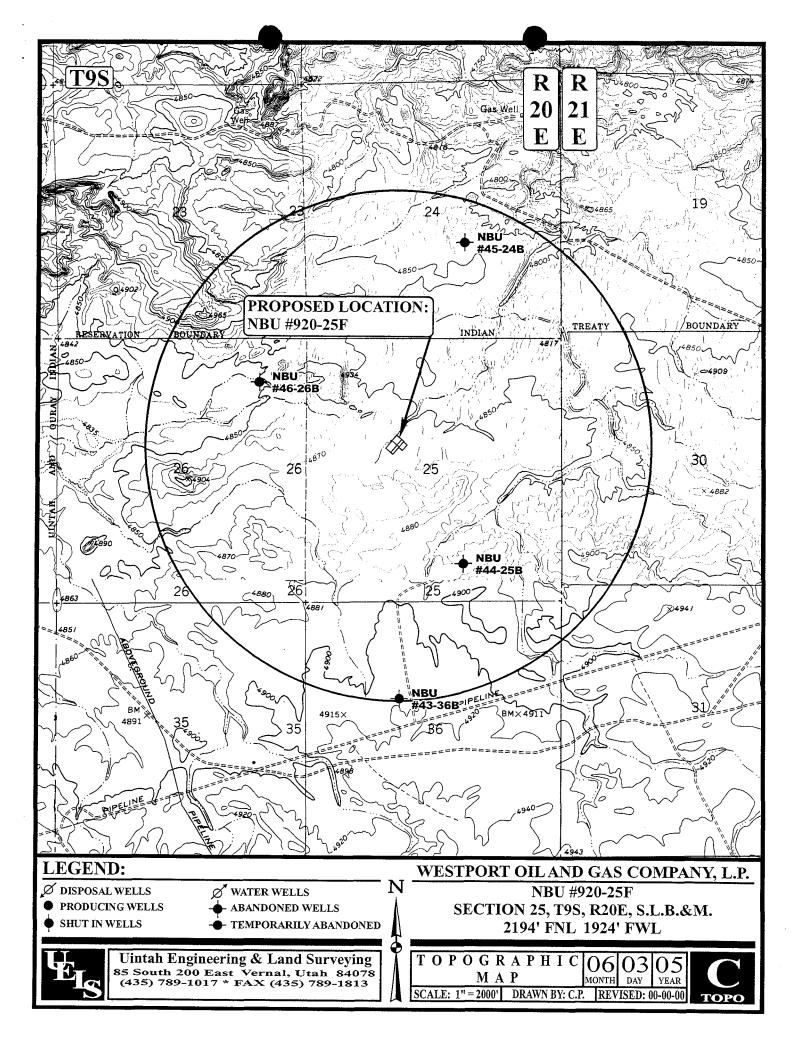
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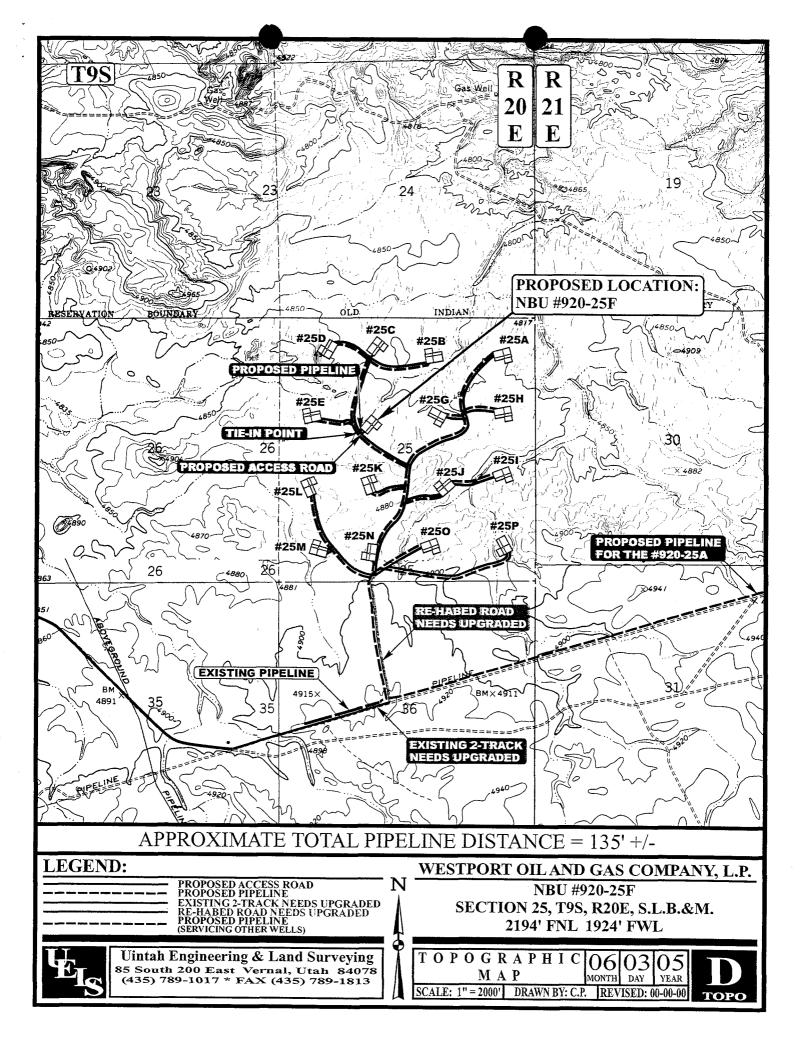
РНОТО

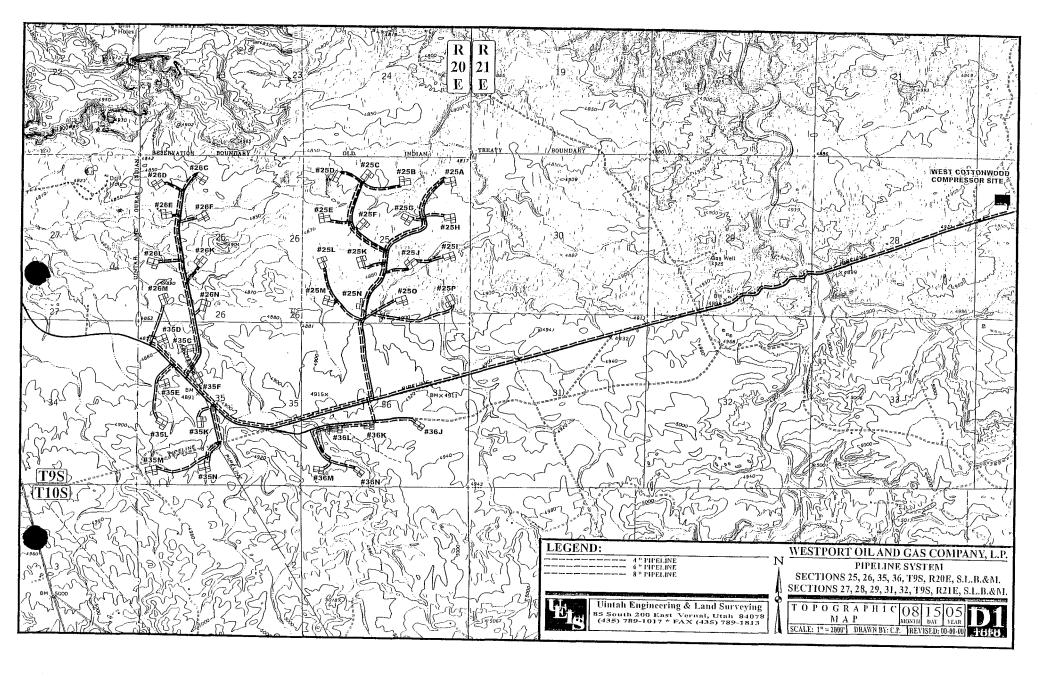
TAKEN BY: D.K. DRAWN BY: C.P. REVISED: 00-00-00

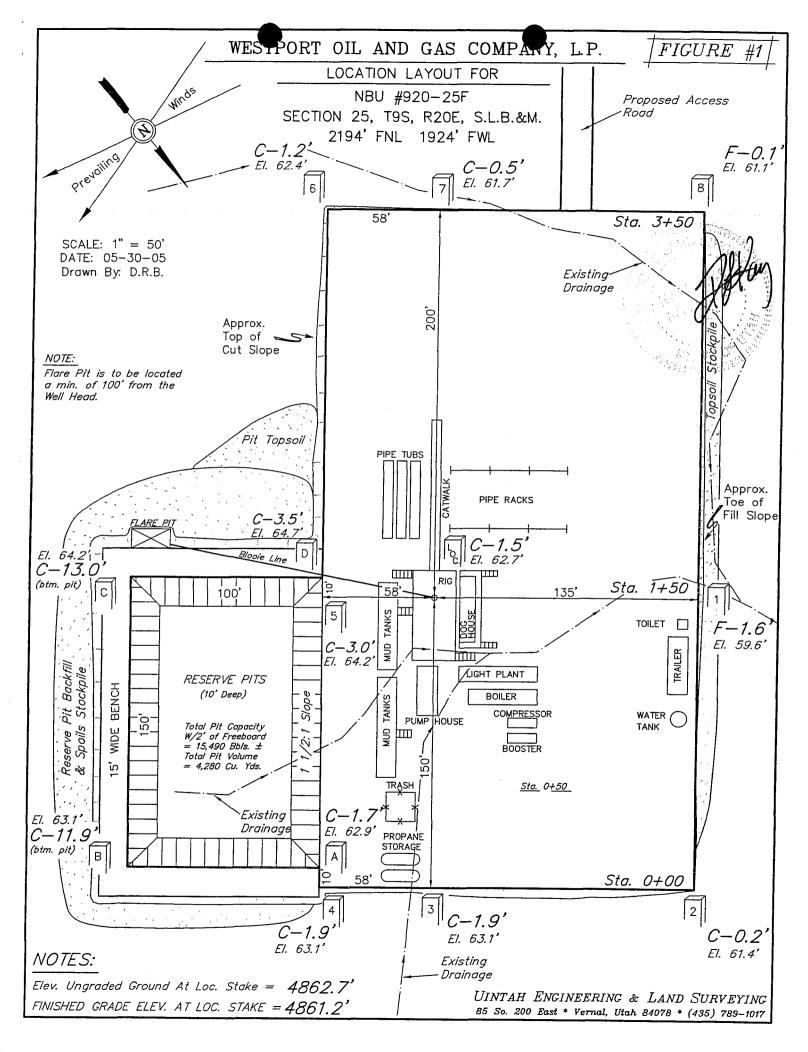


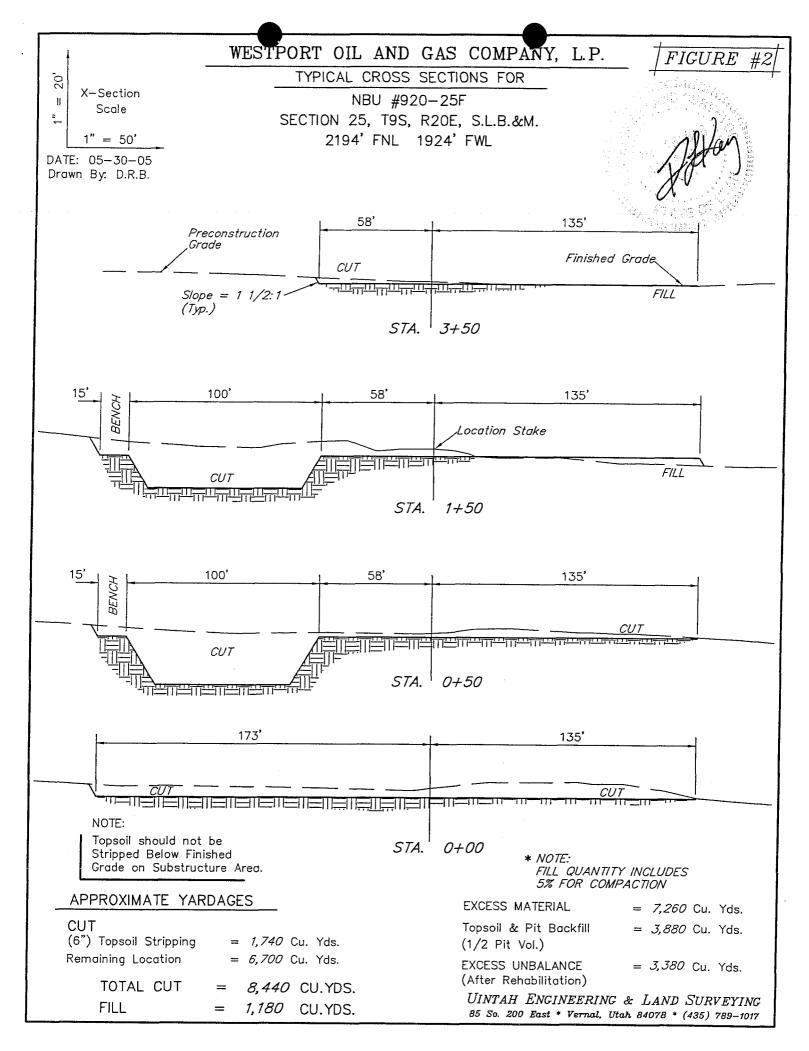




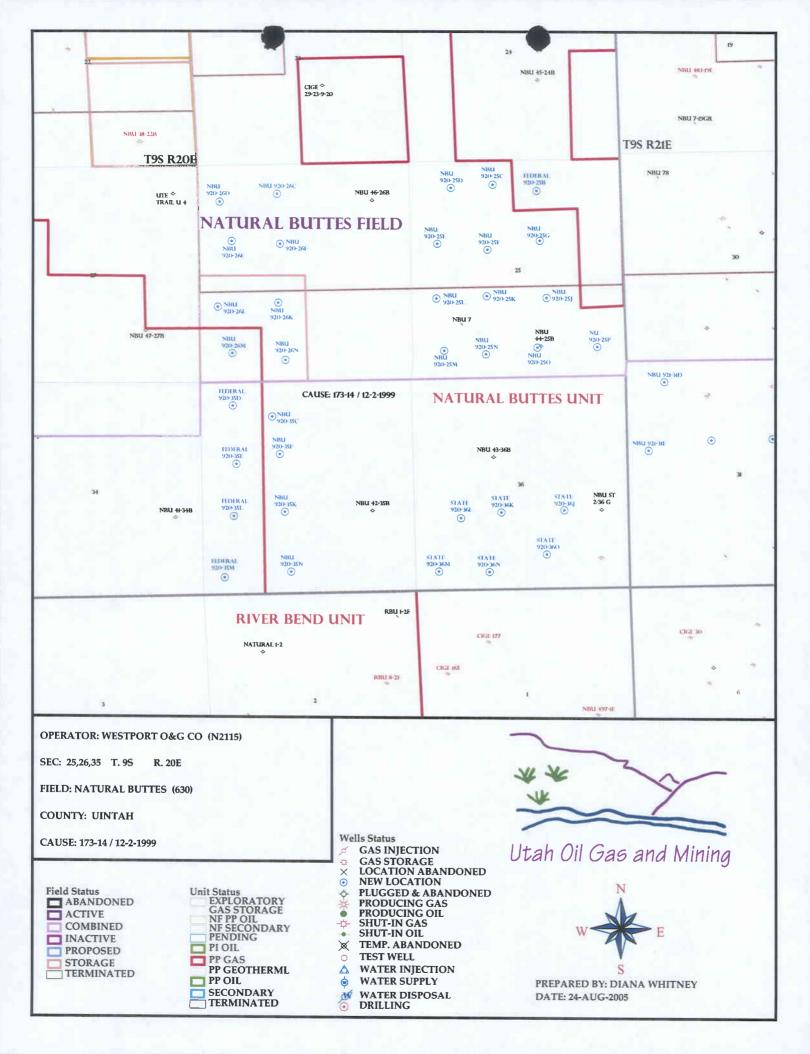








APD RECEIVE	ED: 08/19/2005	API NO. ASSIGNE	ID: 43-047-3700	8
WELL NAME: OPERATOR: CONTACT:	NBU 920-25F WESTPORT OIL & GAS CO ( N2115 ) DEBRA DOMENICI	PHONE NUMBER: 43	35-781-7060	
LEASE TYPE: LEASE NUMBE SURFACE OWN PROPOSED FO	25 090S 200E : 2194 FNL 1924 FWL 2194 FNL 1924 FWL  BUTTES (630) 1 - Federal	INSPECT LOCATN  Tech Review  Engineering  Geology  Surface  LATITUDE: 40.00  LONGITUDE: -109	Initials 0752	Date
Plat Bond: (No. Potas Gil S Water (No. N RDCC (Dat	ND/OR REVIEWED:  Fed[1] Ind[] Sta[] Fee[] CO-1203	R649-3-3. E  Drilling Uni  Board Cause Eff Date: Siting:	General  rom Qtr/Qtr & 920'  Exception	Comm, Truc
	Sip, Superces, file  15: 1-Eduse Approve  7- Die Street			



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office

P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 25, 2005

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

#### (Proposed PZ Wasatch-MesaVerde)

43-047-36998 NBU 920-25K Sec 25 T09S R20E 2025 FSL 1908 FWL 43-047-36999 NBU 920-25L Sec 25 T09S R20E 1993 FSL 0650 FWL 43-047-37000 NBU 920-25M Sec 25 T09S R20E 0696 FSL 0841 FWL 43-047-37001 NBU 920-25N Sec 25 T09S R20E 0584 FSL 1888 FWL 43-047-37002 NBU 920-250 Sec 25 T09S R20E 0724 FSL 2156 FEL 43-047-37003 NBU 920-25P Sec 25 T09S R20E 0707 FSL 0666 FEL 43-047-37005 NBU 920-25C Sec 25 T09S R20E 0579 FNL 2047 FWL 43-047-37006 NBU 920-25D Sec 25 T09S R20E 0627 FNL 1002 FWL 43-047-37007 NBU 920-25E Sec 25 T09S R20E 2005 FNL 0666 FWL 43-047-37008 NBU 920-25F Sec 25 T09S R20E 2194 FNL 1924 FWL 43-047-37009 NBU 920-25G Sec 25 T09S R20E 2012 FNL 2051 FEL 43-047-37010 NBU 920-25J Sec 25 T09S R20E 1956 FSL 1903 FEL 43-047-37012 NBU 920-26C Sec 26 T09S R20E 0740 FNL 1996 FWL 43-047-37013 NBU 920-26D Sec 26 T09S R20E 0938 FNL 0552 FWL 43-047-37014 NBU 920-26E Sec 26 T09S R20E 1926 FNL 0841 FWL 43-047-37015 NBU 920-26F Sec 26 T09S R20E 1997 FNL 2053 FWL 43-047-37016 NBU 920-26K Sec 26 T09S R20E 1969 FSL 1986 FWL 43-047-37017 NBU 920-26L Sec 26 T09S R20E 1907 FSL 0461 FWL 43-047-37018 NBU 920-26N Sec 26 T09S R20E 0538 FSL 2143 FWL 43-047-37019 NBU 920-35C Sec 35 T09S R20E 0865 FNL 1787 FWL

Page 2

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-37023 NBU 920-35F Sec 35 T09S R20E 1805 FNL 1962 FWL 43-047-37024 NBU 920-35K Sec 35 T09S R20E 2075 FSL 2066 FWL 43-047-37026 NBU 920-35N Sec 35 T09S R20E 0574 FSL 2195 FWL 43-047-37029 NBU 1021-14M Sec 14 T10S R21E 1260 FSL 1330 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

August 25, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 920-25F Well, 2194' FNL, 1924' FWL, SE NW, Sec. 25, T. 9 South, R. 20 East, Uintah County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37008.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP					
Well Name & Number Natural Buttes Unit 920-25F						
API Number:	43-047-37008					
Lease:	<u>UTU-0579</u>					
Location: SE NW	Sec25	T. 9 South	<b>R.</b> <u>20 East</u>			

# **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 1999)

UNITED STATES M VERNAL, UTAH DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

OMB No. 1004-0136 Expires November 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-0579

FORM APPROVED

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: X DRILL RE	ENTER			7. If Unit or CA Agreement	, Name and No.	
<del>-</del>	NATURAL BUTTES UNIT					
		_		8. Lease Name and Well No	).	
b. Type of Well: Oil Well X Gas Well Other		Single Zone 🗓 🗴	Multiple Zone	NBU 920-2	25F	
2. Name of Operator				9 APLY Vell No. / 7	22000	
WESTPORT OIL & GAS COMPANY, L.P.	<del>,</del>			40041	1000	
3A. Address	3b. Phone N	o. (include area co	•	10. Field and Pool, or Explo		
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	<u> </u>	(435) 781-7	060	NATURAL BU		
4. Location of Well (Report location clearly and in accordance with	i any State req	uirements.*)		11. Sec., T., R., M., or Blk,	and Survey or Area	
At surface SENW 2194' FNL 1924' FWL				SEC 25-T9S-	DANE	
At proposed prod. Zone  14. Distance in miles and direction from nearest town or post office	*			12. County or Parish	13. State	
11.05 MILES SOUTHEAST OF OURAY, UTAH				UINTAH	UT	
15. Distance from proposed*	16. No. of A	Acres in lease	17. Spacing Unit de	L.,	1 01	
location to nearest property or lease line, ft. 666'	100 1107 011	10100 111 10400	l spacing cint do			
(Also to nearest drig. unit line, if any)		1920		40		
18. Distance from proposed location* to nearest well, drilling, completed,  REFER TO	19. Propose	d Depth	20. BLM/BIA Bond	l No. on file	:	
applied for, on this lease, ft.  TOPO C	1	.0050'		CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work w	l ill start*	23. Estimated duration		
4862.7' GL		UPON APPR		TO BE DETERMINED		
	24. /	Attachments				
The following, completed in accordance with the requirements of O	nshore Oil and	Gas Order No. 1,	shall be attached to the	s form:	· · ·	
Well plat certified by a registered surveyor.		A Rond to co	over the operations un	nless covered by an existing bo	nd on file (see	
A Drilling Plan.		Item 20 ab	-	ness covered by an existing oo	ind on the (see	
•	T d d	ł	,			
3. A Surface Use Plan (if the location is on National Forest System	Lands, the	5. Operator ce				
SUPO shall be filed with the appropriate Forest Service Office.			•	on and/or plans as may be requ	ired by the	
		authorized	office.			
25 Signature	Na	me (Printed/Typed,		Date		
Della Dominica	<u>i</u>	<b>D</b> ]	EBRA DOMENI	CI	8/17/2005	
Title						
ASSOC		IRONMENTA		. D.4-		
Approject by (Signature)	Na	me (Printed/Typed	)	Date	15/2006	
J HIWWY CONTINUES	'Off				13/2000	
Mineral Hesonices	1011	ice		•	•	
	-14-11			A languaghigh mould and the de-	annicant to got dust	
Application approval does not warrant or certify that the applicant h	ioias iegai or e	quitable title to the	ose rights in the subject	t lease which would entitle the	аррисанию соницск	
operations thereon.  Conditions of approval, if any, are attached.						
Conditions of approval, it any, are attached.						

\*(Instructions on reverse)

Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or assence of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. CONDITIONS OF

Accepted by the **Utah Division of** Oil, Gas and Mining

FOR RECORD ONLY

DIV. OF OIL, GAS & MINING

**RECEIVED** 

JAN 1 1 2006



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

170 South 500 East

**VERNAL**. UT 84078

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Westport Oil & Gas Company, L.P. Location:

SENW, Sec. 25, T9S, R20E

Well No:

NBU 920-25F

Lease No:

UTU-0579

API No:

43-047-37008

Agreement:

**Natural Buttes Unit** 

Petroleum Engineer: Petroleum Engineer:

Matt Baker Michael Lee Supervisory Petroleum Technician: Jamie Sparger

Office: 435-781-4490 Office: 435-781-4432 Office: 435-781-4502 Cell: 435-828-4470 Cell: 435-828-7875 Cell: 435-828-3913

**Environmental Scientist: Environmental Scientist:** 

Paul Buhler Karl Wright Holly Villa

Office: 435-781-4475 Office: 435-781-4484 Office: 435-781-4404 Cell: 435-828-4029

Natural Resource Specialist: Natural Resource Specialist:

Melissa Hawk

Office: 435-781-4476

After hours contact number: (435) 781-4513

FAX: (435) 781-4410

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

# **NOTIFICATION REQUIREMENTS**

**Location Construction** (Notify Holly Villa)

- Forty-Eight (48) hours prior to construction of location and access roads.

**Location Completion** (Notify Holly Villa)

- Prior to moving on the drilling rig.

Spud Notice (Notify Petroleum Engineer) - Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing cementing (Notify Jamie Sparger)

- Twenty-Four (24) hours prior to running casing and all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger)

- Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for More than ninety (90) days.

Page 2 of 6 Well Name: NBU 920-25F

1/5/2006

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- Paint all facilities Fuller O'Brian color Carlsbad Canyon (2.5Y 6/2). Any paint brand may be used provided the colors match.
- No drilling or construction will be allowed between May 15<sup>th</sup> through June 20<sup>th</sup> to protect pronghorn during kidding season. This timing restriction may be waived by a BLM representative qualified to do so, if a survey is conducted and the pronghorn prove to not be in that area.
- The interim seed mix for this location shall be:

Needle and Thread grass Stipa comata 6lbs. /acre Crested Wheat grass Agropyron cristatum 6lbs. /acre

All pounds are in pure live seed.

Reseeding may be required if first seeding is not successful.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Page 3 of 6 Well Name: NBU 920-25F

1/5/2006

# DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or

Page 4 of 6 Well Name: NBU 920-25F 1/5/2006

workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
  Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
  of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
  which operations commence and continue each month until the well is physically
  plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
  Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office

Page 5 of 6 Well Name: NBU 920-25F 1/5/2006

Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds

Page 6 of 6 Well Name: NBU 920-25F 1/5/2006

for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# UNITED STATES DEPARTMED OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

Lease Serial No.UTU-0579

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6.	If Indian, Allottee or	Tribe Name	

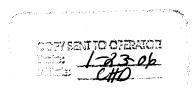
abandoned well.	USE FOITH 3 100-3 (APD)	ior such proposais.	1	
SUBMIT IN TRIPLI	CATE – Other instruc	ctions on reverse side		Agreement, Name and/or No.  JTTES UNIT
1. Type of Well  Oil Well X Gas Well  2. Name of Operator  WESTPORT OIL & GAS COR  3a. Address  1368 SOUTH 1200 EAST, VR  4. Location of Well (Footage, Sec., 7)  SENW SEC 25-T9S-R20E  2194' FNL 1924' FWL	ERNAL, UTAH 84078			B ol, or Exploratory Area UTTES rish, State
12. CHECK APPR	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF NO	TICE, REPORT, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE OF A	ACTION	
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat Re New Construction Re Plug and Abandon Te	roduction (Start/Resume) eclamation ecomplete emporarily Abandon fater Disposal	Water Shut-Off Well Integrity Other INTERIM SURFACE RECLAMATION PLAN
13. Describe Proposed or Completed Opera	ations (clearly state all pertinent	details, including estimated starting	date of any proposed work an	d approximate duration thereof.

determined that the site is ready for final inspection.

WHEN THE PIT IS BACKFILLED, WITHIN 180 DAYS OF WELL COMPLETION, OPERATOR SHALL SPREAD THE TOPSOIL PILE ON THE LOCATION UP TO THE RIG ANCHOR POINTS. THE LOCATION WILL BE RESHAPED TO THE ORIGINAL CONTOUR TO THE EXTENT POSSIBLE. OPERATOR WILL RESEED THE

AREA USING THE BLM RECOMMENDED SEED MIXTURE AND RECLAMATION METHODS.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has



14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Tit	le
DEBRA DOMENICI	ASSOCIATE ENVIRONMENTAL ANALYST
Signature Dalla De Traciale	January 11, 2006
THIS SPACE FOR F	EDERAL OR STATE USE
Approved by	Title Accompany Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	OfficeOil, Gas and Mining Federal Approvation Action Is Necessary
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly false, fictitious or fraudulent statements or representations as to any matter	and within its jurisdiction of the United States any within its jurisdiction.
(Instructions on reverse)	The state of the s

JAN 17 2006

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

# X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective	ective:			1/6/2006		
FROM: (Old Operator):		<b>TO:</b> ( New O	perator):			
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East		1368 S	outh 1200	East		
Vernal, UT 84078		Vernal	, UT 84078			
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC T	WN RNG	API NO	ENTITY	LEASE	WELL	WELL
	٠.		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION	N					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was received	ed from the	FORMER ope	erator on:	5/10/2006	5	
2. (R649-8-10) Sundry or legal documentation was received	ed from the	NEW operator	on:	5/10/2006	5	
3. The new company was checked on the <b>Department of</b>	Commerce	, Division of C	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah:		Business Numl	-	1355743-01		
4b. If <b>NO</b> , the operator was contacted contacted on:		,			_	
5a. (R649-9-2)Waste Management Plan has been received o	n:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:		n/a	3 LA wells	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries	o <b>n</b> :	ok	•			
6. Federal and Indian Lease Wells: The BLM at	nd or the E	IA has appro	ved the n	nerger, na	ne chan	ge,
or operator change for all wells listed on Federal or Ind-	ian leases o	n:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of unit of	operator for	wells listed on		3/27/2006		
8. Federal and Indian Communization Agree	ments ("	CA"):				
The BLM or BIA has approved the operator for all we				n/a		,
9. Underground Injection Control ("UIC")		vision has appro		-	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project	et for the wa	ter disposal we	ll(s) listed o	n:		
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database on:		5/15/2006	_			
2. Changes have been entered on the Monthly Operator	Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:		5/15/2006	-			
<ul><li>4. Fee/State wells attached to bond in RBDMS on:</li><li>5. Injection Projects to new operator in RBDMS on:</li></ul>		5/16/2006	-			
<ul><li>5. Injection Projects to new operator in RBDMS on:</li><li>6. Receipt of Acceptance of Drilling Procedures for APD/</li></ul>	New on:		n/a	Name Char	nge Only	
BOND VERIFICATION:	TYCW OII.		11/4	TVallic Cha	ige Omy	
Federal well(s) covered by Bond Number:		CO1203				
<ol> <li>Indian well(s) covered by Bond Number:</li> </ol>		RLB0005239	-			
3. (R649-3-1) The <b>NEW</b> operator of any fee well(s) listed	covered by		-	RLB000523	6	
a. The <b>FORMER</b> operator has requested a release of liability	•		n/a	rider adde		
The Division sent response by letter on:	ny nom me	ii bond on.	II/a	_iluei auue	u KWG	
LEASE INTEREST OWNER NOTIFICATION	N:		-			
4. (R649-2-10) The <b>FORMER</b> operator of the fee wells have		acted and infor	ned by a let	ter from the	Division	
of their responsibility to notify all interest owners of this			5/16/2006		21,101011	
COMMENTS:						

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Serial	No.

Do not use this	NOTICES AND REPOR s form for proposals ( Use Form 3160-3 (API	to drill or reenter an	MULTIPLE LEASES  6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPI	LICATE – Other instr	uctions on reverse sid	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well			
Oil Well X Gas Well	☐ Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area	code)
1368 SOUTH 1200 EAST	VERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descripe		
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF N	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION		ACTION
Notice of Intent	Acidize Alter Casing		Production (Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction	Recomplete
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR  Vater Disposal
13. Describe Proposed or Completed Op  If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated startingive subsurface locations and measu	g date of any proposed work and approximate duration thereof. red and true vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

<ol> <li>I hereby certify that the foregoing is true and corn Name (Printed/Typed)</li> <li>FANDY BAYNE</li> </ol>	Title Earlene Ru  DRILLING MANAGER	lene Russell  16 Oil, Gas and Mining  18 Ussell, Engineering Technician
Signature / Sayne	Date <b>May</b> 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE U	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

## MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne
SUBMIT IN TRIPL	ICATE – Other instru	ctions on rev	erse side	7. If Unit or CA/Agreement, N	ame and/or No.
I. Type of Well					
Oil Well X Gas Well	Other .			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTA	н
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair	New Construe		plete 👿 Other CHA	•
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal	
ronowing completion of the involved	perations. If the operation result bandonment Notices shall be filed at inspection.  DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEI	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Dariene F	cussell, Engine	ering Technic	lan DIV OF OU OAR	0. ******
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature	<del></del>		ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



## **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



## United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

#### Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

## DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED					
OMB No.	1004-0135				
Expires Jnove	mber 30, 2000				

UTU-0579

### 5. Lease Serial No.

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

	form for proposals to Use Form 3160-3 (APD)					6. If Indian, Al	lottee or Tribe Name
	ICATE – Other instruc				de	7. If Unit or Ca	A/Agreement, Name and/or No.
1. Type of Well Oil Well X Gas Well	Other					8. Well Name	
2. Name of Operator	C ONCHORE LR					NBU 920-25	
KERR McGEE OIL AND GA 3a. Address	S UNSHURE LP	3b. Pł	none No. (includ	la ar	aa coda)	9. API Well No 4304737008	
1368 SOUTH 1200 EAST VE	FRNAL UT 84078	l	81-7003	ic are	eu coue)		ool, or Exploratory Area
4. Location of Well (Footage, Sec., 7			71 7000			NATURAL E	•
SENW SEC 25-T9S-R20E	•					11. County or P	
2194' FNL 1924' FWL						UINTAH CC	DUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA'	ΓΕ NATURE	OF 1	NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION			TY	PE C	F ACTION		
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	=	pen cture Treat v Construction		Production Reclamatio Recomplete		Water Shut-Off Well Integrity Other APD EXTENSION
Final Abandonment Notice	Change Plans Convert to Injection		g and Abandon g Back		Temporaril Water Disp	•	DOGM
If the proposal is to deepen directional Attach the Bond under which the work following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin THE OPERATOR REQUEST LOCATION SO THAT THE INTERPROVED BY THE DIVISIONAL APPROVED BY THE DIVISIONAL ATTACH.	rk will be performed or provide to operations. If the operation resultant bandonment Notices shall be filed all inspection.  TS AUTHORIZATION FOR DELLING OPERATION IN THE PROPERTY OF THE PROVIDER OF THE PRO	ts in a mid only aft  OR A  NS M	No. on file with altiple completion or all requirement one YEAF	BLM n or i nts, ir R EX SYLE	VBIA. Requirecompletion including reclasmost rectain the control of the control o	red subsequent rep n a new interval, a mation, have been N FOR THE E ORIGINAL	orts shall be filed within 30 days Form 3160-4 shall be filed once completed, and the operator has
	E	·	(1-02				11304 PM
	s is true and correct	Title			REGUL	ATORY CLE	ERK
Signature Lamu	1 topes	Date				ober 20, 2006	3
A 11	() THIS SPACE	FOR F	EDERAL OR S	STAT	E USE		
Approved by			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of t	table title to those rights in the sub t operations thereon.	ject lease	Office				
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme	it a crime for any person kno nts or representations as to any	wingly a matter v	nd willfully to within its jurisd	mak ictio	e to any dep	artment or agence	cy of the United States any

(Instructions on reverse)

RECEIVED NOV 0 1 2006

## Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

,	4304737008 NBU 920-25F					
	SENW SEC 25-T9S	-R20E				
<b>Company Peri</b>		KERR MCGEE OIL AND G	AS ONSHORE LP			
above, hereby	verifies that the i	legal rights to drill on th information as submitted mains valid and does no	d in the previously			
Following is a coverified.	checklist of some	e items related to the app	plication, which should be			
	ivate land, has th n updated? Yes	he ownership changed, i □No☑	if so, has the surface			
		the vicinity of the propos nts for this location? Yes	ed well which would affect s□No☑			
		er agreements put in pla roposed well? Yes⊡No				
		to the access route inclu proposed location? Yes[	iding ownership, or right- ⊒No⊠			
Has the approv	ved source of wa	ter for drilling changed?	Yes□No☑			
which will requ	Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑					
Is bonding still	in place, which c	covers this proposed we	ll? Yes⊠No□			
Rame	usto pe	<u>}</u>	10/20/2006			
Signature		,	Date			
Title: REGULA	TORY CLERK	<del></del>				
Representing:	KERR MCGEE O	IL AND GAS ONSHORE L				

RECEIVED NOV 0 1 2006

## **DIVISION OF OIL, GAS AND MINING**

## **SPUDDING INFORMATION**

Name of Co	mpany:	KERR-McG	EE O	IL & GAS	ONSHO	RE, LP
Well Name:		NBU 920-251	F			
Api No:	43-047-37008	8	_Leas	е Туре:	FEDER	AL
Section 25	Township <u>0</u>	9S Range_	20E	County_	UINT	AH
Drilling Con	tractor	PETE MART	'IN'S	DRLG	_RIG #	BUCKET
SPUDDE	D:					
	Date	01/04/07				
	Time	9:30 AM				
	How	DRY				
Drilling w	ill Commenc	e:				
Reported by		LOU WELD	<u>ON</u>			
Telephone #	:	(435) 828-703	35		<u> </u>	
Date (	1/04/2007	Signed_		CHD		

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY	ACTION FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2985

Address:

1368 SOUTH 1200 EAST

city VERNAL

zip 84078 state UT

Phone Number: (435) 781-7024

V8II 1	7	N	QQ	Sec	Twp	Rng	County
API Number	Well	Name			†		UINTAH
4304735858	NBU 1022-30C		NENW	30	105	22E	
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ty Assignment Mective Date
B	99999	3900		1/3/200	7		11/07_
<i>-</i>			^ ^ ·	1	Ξ::/Λ		

Comments:

MIRU ROCKY MTN BUCKET RIG.

mure = wsmvD

SPUD WELL LOCATION ON 01/03/2007 AT 1600 HRS

Vell 2	T Major	Nome	QQ	Sec	Twp	Rng	County
API Number	Aveil	Name		25	98	20E	UINTAH
4304737008	NBU 920-25F		SENW	25	93		
Action Code	Current Entity Number	New Entity Number	S	pud Da	to	Ent	ity Assignment
B	99999	2900		1/4/200	7		V11/07_
Comments: MIR	U PETE MARTIN BUCI	KET RIG. WS7	n VD				

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		te	Entity Assignment Effective Date	
omments:						ļ	

#### ACTION CODES:

(6/2000)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Phone FA

SHEILA UPCHEGO

SENIOR LAND SPECIALIST Title

JAN 0 4 2007

1/4/2007

DIV. OF OIL, GAS & MINING

Form 3 160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

LINIT #891008900A

5. Lease Serial No. UTU-0579

SUNDRY NOTICES	AND	REPORTS	ON WELLS
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Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well			NATURAL BUTTES UNIT
Oil Well X Gas Well	Other		8. Well Name and No.
2. Name of Operator			NBU 920-25F
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address	J. 10. 10. 12.	3b. Phone No. (include area code	4304737008
1368 SOUTH 1200 EAST \	/FRNAL LIT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,			NATURAL BUTTES
4. Location of Wen (1 boinge, bee.,	1., 1., 1., 0. 0	,	11. County or Parish, State
	UINTAH COUNTY, UTAH		
SENW SEC. 25, T9S, R20E	<sup>·</sup> 2194'FNL, 1924'FWL	_	UINTAH COUNTY, UTAH
		O INDICATE NATURE OF NOTICE  TYPE OF AC	E, REPORT, OR OTHER DATA
12. CHECK APP		TYPE OF AC  Deepen Produ	E, REPORT, OR OTHER DATA

determined that the site is ready for final inspection. MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

SPUD WELL LOCATION ON 01/04/2007 AT 0930 HRS.

PIPE. CMT W/28 SX READY MIX CMT.

14. I hereby certify that the foregoing is true and correct		
Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND ADM	IN SPECIALIST
Signature / Signature	Date January 4, 2007	
THIS SPA	ACE FOR FEDERAL OR STATE	USE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.	e subject lease	
Title 18 U.S.C. Section 1001, make it a crime for any person false, fictitious or fraudulent statements or representations as to	knowingly and willfully to make to any matter within its jurisdiction.	o any department of agency (NhE United States any
(Instructions on reverse)		JAN 1 1 2007

Form 3 160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

UTU-0579

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

			7. If Unit or CA/Agreement, Name and/or No.				
SUBMIT IN TRIPLI							
00Bm// mt // m 2.			UNIT #891008900A				
1. Type of Well			NATURAL BUTTES UNIT				
Oil Well X Gas Well	Other		8. Well Name and No.				
2. Name of Operator			NBU 920-25F				
KERR-McGEE OIL & GAS C	NSHORE LP		9. API Well No.				
3a. Address		3b. Phone No. (include area cod					
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec.,		on)	NATURAL BUTTES				
			11. County or Parish, State				
SENW SEC. 25, T9S, R20E	2194'FNL, 1924'FWL		UINTAH COUNTY, UTAH				
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTI	CE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF AC	TION				
Notice of Intent	Acidize	Deepen Prod	uction (Start/Resume) Water Shut-Off				
Notice of Intent	Alter Casing		amation Well Integrity				
X Subsequent Report	Casing Repair		Other SET SURFACE				
	Change Plans	<u> </u>	porarily Abandon CSG				
Final Abandonment Notice	Convert to Injection		er Disposal				
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.  MIRU BILL MARTIN AIR RIG ON 01/11/2007. DRILLED 12 1/4" SURFACE HOLE TO 2770'. RAN 9 5/8"  57 JTS OF 32.3# H-40 AND 10 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/260 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS 15 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE FELL BACK WOC. TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE GOOD CMT TO SURFACE FELL BACK WOC. TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE GOOD CMT TO SURFACE. HOLE STAYED FULL.							
WORT.							
14. I hereby certify that the foregoing	g is true and correct	1 mu					
Name (Printed/Typed)		Title SENIOR LAND ADMIN	I SPECIALIST				
SHEILA DIPCHEGO	216.00	Date Date	01 2011 2101				
Signature 1	MMM	January 17, 2007					
VIV	THIS SPACE	E FOR FEDERAL OR STATE U	SE				

which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

(Instructions on reverse)

Conditions of approval, if any, are attached. Approval of this notice does not warrant or

certify that the applicant holds legal or equitable title to those rights in the subject lease

Approved by

HECEIVEL

Date

Form 3160-5 (August 1999)

Final Abandonment Notice

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY	<b>NOTICES</b>	AND	<b>REPORTS</b>	ON	WEL	.LS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Convert to Injection

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UTU-0579

6. If Indian, Allottee or Tribe Name

	•			ł	
SUBMIT IN TRIPL	ICATE – Other ins	tr Pa Kin Cortie Vs.	Side		CA/Agreement, Name and/or No.  BUTTES UNIT
1. Type of Well Oil Well Gas Well 2. Name of Operator	Other	DEC 0 4 2006		8. Well Name NBU 920-2	
KERR McGEE OIL AND GAS  3a. Address	ONSHORE LP	BLM VERNAL, U		9. API Well N	
1368 SOUTH 1200 EAST VEF	10. Field and Pool, or Exploratory Area NATURAL BUTTES				
2194' FNL 1924' FWL SENW, SEC 25-T9S-R20E	,			11. County or I	
12. CHECK A	APPROPRIATE BOX(ES	) TO INDICATE NATURE	OF NOTICE, R	EPORT, OR OT	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTIO	N	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamation		<ul><li></li></ul>
	Change Plans	Plug and Abandon	Temporari	ly Abandon	BLM

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Plug Back

Water Disposal

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON JANUARY 5, 2006.

RECEIVED FEB 0 2 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct						
Name (Printed/Typed)  RAMEY HOOPES	Title REGULATORY CLERK					
Signature Day Day	Date December 4, 2006					
THIS SPACE FOR	FEDERAL OR STATE USE					
Approved by S. Callen	Thretroleum Engineer   Date   JAN 1 7 2007					
Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon.	e					
Title 19 U.C. Section 1001 make it a crime for any person knowingly	and willfully to make to any department or agency of the United States any					

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304737008  Well Name: NBU 920-25F  Location: SENW, SEC 25-T9S-R20E  Company Permit Issued to: KERR MCGEE OIL  Date Original Permit Issued: 1/5/2006	AND GAS ONSHORE LP								
The undersigned as owner with legal rights to dril above, hereby verifies that the information as sub approved application to drill, remains valid and do	omitted in the previously								
Following is a checklist of some items related to the application, which should be verified.									
If located on private land, has the ownership char agreement been updated? Yes□No☑	nged, if so, has the surface								
Have any wells been drilled in the vicinity of the p the spacing or siting requirements for this location	roposed well which would affect n? Yes⊡ No⊠								
Has there been any unit or other agreements put permitting or operation of this proposed well? Yes	in place that could affect the s□ No ☑								
Have there been any changes to the access route of-way, which could affect the proposed location?	e including ownership, or right- ? Yes□No ☑								
Has the approved source of water for drilling cha	nged? Yes□No☑								
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑									
s bonding still in place, which covers this propos	ed well? Yes⊠No□								
Ramey Honcer	12/4/2006								
Signature	Date								
Title: REGULATORY CLERK									
Representing: Kerr McGee Oil and Gas Onshore LP	·								

## **CONDITIONS OF APPROVAL**

## Kerr-McGee Oil & Gas

## **Notice of Intent APD Extension**

Lease:

UTU-0579

Well:

NBU 920-25F

Location:

SENW Sec 25-T9S-R20E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 1/5/2008
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

Form 3 160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

5. Lease Serial No. UTU-0579

Do not use this abandoned well.		ottee or Tribe Name							
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A								
Type of Well     Oil Well     Gas Well     Name of Operator	NATURAL BUTTES UNIT  8. Well Name and No.  NBU 920-25F								
KERR-McGEE OIL & GAS C	9. API Well No. 4304737008								
3a. Address 1368 SOUTH 1200 EAST V		3b. Phone No. (include (435) 781-7024		10. Field and Pool, or Exploratory Area NATURAL BUTTES					
4. Location of Well (Footage, Sec., SENW SEC. 25, T9S, R20E		11. County or Parish, State UINTAH COUNTY, UTAH							
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE (	OF NOTICE, F	REPORT, OR OT	THER DATA				
TYPE OF SUBMISSION		TYP	E OF ACTION	1					
<ul><li>Notice of Intent</li><li></li></ul>	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recompleting Temporari	te ly Abandon posal	Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS				
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.  If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.									

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2770' TO 10050' ON 02/22/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/525 SX PREM LITE II @11.7 PPG 2.60 YIELD. TAILED CMT W/1415 SX 50/50 POZ @14.3 PPG 1.31 YIELD DROP PLUG & DISPLACED W/156 BBLS WATER & BUMP PLUG W/500 OVER FINAL CIRC PSI OF 3060 HAD FULL RETURNS DURING JOB GO BACK 10 BBLS CMT TO PIT. LAND HANGER 75K STRING WT & L/D LANDING JT WASH AND CLEAN OUT MUD TANKS.

RELEASED ENSIGN RIG 83 ON 02/24/2007 AT 10:00 AM.

14. I hereby certify that the foregoing is true and correct									
Name (Printed/Typed)	e NIOR LAND ADMIN SPECIA	LIST							
Circles 5 Dat	e oruary 27, 2007								
THIS SPACE FOR FEDERAL OR STATE USE									
Approved by	Title	Date							
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.									
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly	and willfully to make to any departm	ent or agency of the United States any							
false, fictitious or fraudulent statements or representations as to any matter	within its jurisdiction.	DECEMBE							

(Instructions on reverse)

Form 3 160-5 (August 1999)

Type of Well

Oil Well

X Gas Well

determined that the site is ready for final inspection.

Other

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

FORM APPROVED

5. Lease Serial No.

UNIT #891008900A NATURAL BUTTES UNIT

8. Well Name and No.

NBU 920-25F

UTU-0579

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.

2. Name of Operator				MDO 920.	-236	
KERR-McGEE OIL & GAS ON	9. API Well No.					
3a. Address 1368 SOUTH 1200 EAST VEH 4. Location of Well (Footage, Sec., T., I SENW SEC. 25, T9S, R20E 2	R., M., or Survey Description)	3b. Phone No. (include area code) (435) 781-7024		4304737008  10. Field and Pool, or Exploratory Area  NATURAL BUTTES  11. County or Parish, State  UINTAH COUNTY, UTAH		
12. CHECK A	PPROPRIATE BOX(ES) TO				IER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTIO	N		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamati		<ul> <li>Water Shut-Off</li> <li>Well Integrity</li> <li>Other PRODUCTION</li> </ul>	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomple Temporar Water Dis	ily Abandon	START-UP	
Final Abandonment Notice  13. Describe Proposed or Completed Ope If the proposal is to deepen directions	rations (clearly state all pertine ally or recomplete horizontally,	Plug Back  nt details, including estimate give subsurface locations an	ed starting date of	f any proposed wor	k and approximate duration thereof. of all pertinent markers and zones.	

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 03/18/2007 AT 9:30 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED MAR 2 1 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct								
Name (Printed/Typed) SHELLA UPCHEGO	Title SENI	Title SENIOR LAND ADMIN SPECIALIST						
Sphaluc // /////////////////////////////////	Date March 19, 2007							
THIS SPACE FOR FEDERAL OR STATE USE								
Approved by	,	Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not wa certify that the applicant holds legal or equitable title to those rights in the subjections thereon.	nrrant or ect lease	Office						
which would entitle the applicant to conduct operations thereon.	ingly an	d willfully to make to any departm	ent or agency of the United States any					
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.								
taise, licitious of traddutent statements of representations as to tary i	1110-2001 717	· · · · · · · · · · · · · · · · · · ·						



## Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

<u>NBU 920-25F</u> SENW, SEC. 25, T9S, R20E UINTAH COUNTY, UT

DATE	ACTIVITY		STATUS	
12/12/06	LOCATION STARTED	Ensign 83		
01/02/07	LOCATION COMPLETE	Ensign 83	P/L IN, WOBR	
01/04/07	SET CONDUCTOR	Ensign 83	WOAR	
01/15/07	SET AIR RIG	Ensign 83		
01/22/07	9 5/8" @2729'	Ensign 83	WORT	
02/07/07	TD: 2770' Csg. 9 5/8" @ 2730' Move rig from NBU 1021-18B. 100%	MW: 8.4 moved and 40%	SD: 2/XX/07 rigged up @ report time	DSS: 0
02/08/07	TD: 2770' Csg. 9 5/8" @ 2730' RURT. 90% rigged up @ report time.	MW: 8.4	SD: 2/XX/07	DSS: 0
02/09/07	TD: 2770' Csg. 9 5/8" @ 2730' RURT. Run CBL. NU and test BOPE	MW: 8.4 Prep to PU BH	SD: 2/XX/07 IA @ report time.	DSS: 0
02/12/07	TD: 5462' Csg. 9 5/8" @ 2730' PU BHA and DP. Drill cmt and FE. S report time.	MW: 9.7 pud @ 1700 hrs	SD: 2/09/07 on 2/9/07. Drill f/ 2770'-	DSS: 3 5462'. DA @
02/13/07	TD: 6006' Csg. 9 5/8" @ 2730' Drill from 5462'-5638'. TFNB. Drill to	MW: 9.9 6006'. DA @ re	SD: 2/09/07 port time.	DSS: 4
02/14/07	TD: 6653' Csg. 9 5/8" @ 2730' Drill from 6006'-6653'. DA @ report t	MW: 10.2 ime.	SD: 2/09/07	DSS: 5
02/15/07	TD: 7464' Csg. 9 5/8" @ 2730' Drill from 6653'-7464'. DA @ report t	MW: 10.2 ime.	SD: 2/09/07	DSS: 6
02/16/07	TD: 8035' Csg. 9 5/8" @ 2730' Drill from 7464'-8035'. DA @ report t	MW: 11.2 ime.	SD: 2/09/07	DSS: 7
02/20/07	TD: 9525' Csg. 9 5/8" @ 2730' Drill from 9183'-9525'. DA @ report t	MW: 12.1 ime.	SD: 2/09/07	DSS: 11
02/21/07	TD: 9681' Csg. 9 5/8" @ 2730' Drill from 9525'-9550'. TFNB. Drill to	MW: 12.1 9681'. DA @ re	SD: 2/09/07 eport time.	DSS: 12
02/22/07	TD: 10050' Csg. 9 5/8" @ 2730'	MW: 12.1	SD: 2/09/07	DSS: 13

Drill from 9681'-10050' (TD). CCH for short trip @ report time.

02/23/07 TD: 10050' Csg. 9 5/8" @ 2730' MW: 12.1 SD: 2/09/07 DSS: 14 Short trip. CCH and TOOH. Run logs to TD. TIH and CCH. LDDP @ report time.

02/26/07 TD: 10050' Csg. 9 5/8" @ 2730' MW: 12.1 SD: 2/09/07 DSS: 16 Finish LDDP. Run and cmt 4.5" prod csg. Set slips, ND, clean pits, and rls rig @ 1000 hrs on 2/24/07. RDRT. Moving rig to NBU 920-25J @ report time.

03/09/07 MIRU

Days On Completion: 1
Remarks: 1:00 p.m. ROAD RIG & EQUIP F/ NBU 1021-18B TO LOC. MIRU. NDWH. NU
FRAC VALVES. MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & FRAC VLV'S TO 7500#
(HELD) BLEED PSI OFF. PREP TO FRAC MONDAY A.M. SWI. SDFWE.

03/12/07 PERF & FRAC

Days On Completion: 4
Remarks: 7:00 A.M. HSM MIRU CUTTERS, MIRU WEATHERFORD FRAC SVC.
FIRST 6 STAGES SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 3 & 4
SPF, 90 & 120 DEG PHASING, TOP 2 WASATCH ZONES SHOT W/ 3 1/8" HSC PERF GUNS
LOADED W/ 12 GM CHARGES, 4 & 3 SPF, 90 & 120 DEG PHASING. ALL ZONES TREATED
W/ NALCO DVE-005 SCALE INHIB. 3 GAL PER THOUSAND IN PAD & 1/2 THE RAMP. 10
GAL PER THOUSAND IN FLUSH. ALL CBP'S ARE "NEW" HALLIBURTON SPEEDY LINE 4
1/2" 10K CBP'S

STG 1: P/U 3 3/8" PERF GUNS & RIH. SHOOT 12 HOLES F/ 9916' - 19', P/U SHOOT 16 HOLES F/ 9830' - 34', P/U SHOOT 9 HOLES F/ 9736' - 39' (3 SPF), P/U SHOOT 6 HOLES F/ 9724' - 26' (3 SPF). POOH, LOAD PMP'S & PSI TST LINES TO 8500#, (HELD). BRK DWN PERF'S @ 3627#, EST INJ RT @ 50.1 BPM @ 4900#. ISIP 3242#. FG .76, TREAT STG 1 W/ 51,350# 30/50 SAND W/ SLK WTR. TOT CL FL 1675 BBLS. ISIP 3260#, NPI 18#, FG .77

STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" HALL 12K CBP & RIH. SET CBP @ 9643', P/U SHOOT 16 HOLES F/ 9599' - 9603', GUN SHORTED OUT. (MIS RUN). POOH. MAKE REPAIRS. P/U PERF GUNS & RIH. SHOOT 6 HOLES F/ 9556' - 58' (3SPF). P/U SHOOT 12 HOLES F/ 9535' - 38', P/U SHOOT 8 HOLES F/ 9448' - 50'. POOH. BRK DWN PERF'S @ 4216#, EST INJ RT @ 50 BPM @ 5400#, ISIP 3443#, FG .80. TREAT STG 2 W/ 73,580# SAND W/ SLK WTR. TOT CL FL 2062 BBLS. ISIP 3249#, NPI -194#, FG .78 STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" HALL 12K CBP & RIH. CBP FAILED TO SET. POOH. MAKE REPAIRS. P/U TOOLS & RIH SET CBP @ 8828', P/U SHOOT 8 HOLES F/ 8796' - 98', P/U SHOOT 12 HOLES F/ 8725' - 28', P/U SHOOT 16 HOLES F/ 8636' - 40', P/U SHOOT 6 HOLES F/ 8613' - 15' (3 SPF). POOH. BRK DWN PERF'S @ 2770#, EST INJ RT @ 50.5 BPM @ 4930#, ISIP 2570#, FG .73, TREAT STG 3 W/ 50,300# SAND W/ SLK WTR. TOT CL FL 1468 BBLE. ISIP 3216#, NPI 646#, FG .80 STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" HALL 12 K CBP & RIH. SET CBP @ 8528', P/U ATTEMPT TO SHOOT 20 HOLES F/ 8493' - 98', PERF GUNS FAILED TO SHOOT. POOH & INSPECT PERF GUNS. POSSIBLE 5/20 HOLES SHOT. CONSULT ENGINEERING. SEND REMAINING PERF GUNS TO CUTTERS. RE LOAD REMAINING PERF GUNS. SWI. SDFN

03/13/07 PERF & FRAC

Days On Completion: 5

Remarks: 6:30 A.M. HSM. SICP 0# STG 4: P/U NEW 3 3/8" EXP PERF GUNS & RIH. SHOOT 20 HOLES F/ 8493' - 8498', P/U SHOOT 20 HOLES F/ 8457' - 8462'. POOH. BRK DWN PERF'S @ 4217#, EST INJ RT @ 51.2 BPM @ 4950#, ISIP 2793#. FG .76, TREAT STG 4 W/ 47,000# 30/50 SAND W/ SLK WTR. TOT CL FL 1356 BBLS. ISIP 3201#, NPI 408#, FG .81

STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" HALL 12K CBP & RIH. SET CBP @ 7839', P/U SHOOT 20 HOLES F/ 7804' - 09', P/U SHOOT 8 HOLES F/ 7723' - 25', P/U SHOOT 12 HOLES

F/ 7702' - 05'. POOH, BRK DWN PERF'S @ 2855#, EST INJ RT @ 51 BPM @ 5150#, ISIP 2198#, FG .72, TREAT STG 5 W/ 38,650# SAND W/ SLK WTR. TOT CL FL 1134 BBLS. ISIP 2987#, NPI 789#, FG .82

STG 6: P/U 3 3/8" PERF GUNS & 4 1/2" HALL 12K CBP & RIH. SET CBP @ 6715', P/U SHOOT 12 HOLES F/ 7227' - 30', P/U SHOOT 12 HOLES F/ 7142' - 45', P/U SHOOT 16 HOLES F/ 6983' - 87', POOH. BRK DWN PERF'S @ 3568#, EST INJ RT @ 51.2 BPM @ 4800#, ISIP 2839#, FG .83, TREAT STG 6 W/ 22,800# SAND W/ SLK WTR. TOT CL FL 718#, ISIP 2835#, NPI -4#, FG .83

STG 7: P/U 3 1/8" HSC PERF GUNS & 4 1/2" HALL 12K CBP & RIH. SET CBP @ 6715', P/U SHOOT 20 HOLES F/ 6680' - 85', P/U SHOOT 20 HOLES F/ 6553' - 58'. POOH, BRK DWN PERF'S @ 2746#, EST INJ RT @ 51.2 BPM @ 4700#, ISIP 2456#, FG .80. TREAT STG 7 W/ 51,175# SAND W/ SLK WTR. TOT CL FL 1448 BBLS. ISIP 2533#, NPI 77#, FG .82 STG 8: P/U 3 1/8" HSC PERF GUNS & HALL 12K CBP & RIH. SET CBP @ 6400', P/U SHOOT 16 HOLES F/ 6366' - 70', P/U SHOOT 16 HOLES F/ 6232' - 36', P/U SHOOT 9 HOLES F/ 6080' - 83' (3 SPF). POOH. BRK DWN PERF'S @ 2613#, EST INJ RT @ 51 BPM @ 4230#, ISIP 1916#, FG .74, TREAT STG 8 W/ 22,500# SAND W/ SLK WTR. TOT CL FL 858 BBLS. ISIP 2471#, NPI 555#, FG .83 P/U 4 1/2" HALL 12K CBP & RIH. SET KILL PLUG @ 6030'. POOH. RDMO CUTTERS. RDMO WEATHERFORD. ND FRAC VLV'S. NU BOPE. PREP & TALLY 2 3/8" L-80 8RD TBG. PREP TO RIH IN A.M. SWI. SDNF

#### 03/14/07 DRILL CBP'S

Days On Completion: 6

Remarks: 7:00 A.M. HSM P/U 3 7/8" SMITH ROCK BIT, POBS & RIH P/U TBG OFF TRAILER. TAG KILL PLUG @ 6030'. R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC W/ 2% KCL & BEG TO DRL. NOTE: DRL TIMES ARE ON NEW HALLIBURTON SPEEDY LINE 12K CBP'S DRL UP KILL PLUG IN 7.5 MIN. (700# PSI INC). CONT TO RIH. TAG FILL @ 6385'. (15' FILL). C/O TO 2ND CBP @ 6400'.

DRL UP 2ND CBP IN 8 MIN. (400# PSI INC). (RETURN LINE PLUGGED OFF, CLEANED OUT LARGE DIAMETER SLIP SEGMENTS). CONT TO RIH. TAG FILL @ 6700', (15' FILL). C/O TO 3RD CBP @ 6715'.

DRL UP 3RD CBP IN 8 MIN. (400# PSI INC). CONT TO RIH. TAG FILL @ 7240', (20' FILL). C/O TO 4TH CBP @ 7260'.

DRL UP 4TH CBP IN 10 MIN. (600# PSI INC). (RETURN LINE PLUGGED OFF, CLEANED OUT LARGE DIAMETER SLIP SEGMENTS). CONT TO RIH. TAG FILL @ 7829', (10' FILL). C/O TO 5TH CBP @ 7839'.

DRL UP 5TH CBP IN 10 MIN. (500# PSI INC). (RETURN LINE PLUGGED OFF, CLEANED OUT LARGE DIAMETER SLIP SEGMENTS). CONT TO RIH. TAG FILL @ 8513', (15' FILL). C/O TO 6TH CBP @ 8528'.

DRL UP 6TH CBP IN 16 MIN. (500# PSI INC). CONT TO RIH. TAG FILL @ 8808', (20' FILL). C/O TO 7TH CBP @ 8828', (RÈTURN LINE PLUGGED OFF, CLEANED OUT LARGE DIAMETER SLIP SEGMENTS).

DRL UP 7TH CBP IN 12 MIN. (500# PSI INC). CONT TO RIH. TAG FILL @ 9613', (30' FILL). C/O TO 8TH CBP @ 9643'.

#### L/D TBG 03/15/07

Days On Completion: 7

Remarks: 7:00 A.M. HSM SICP 2500#, BLEED WELL DWN FOR 1 HR TO 800#, OPEN WELL & CONT TO POOH L/D 133 JTS TOTAL ON TRAILER. LUBRICATE TBG HANGER INTO WELL. (NOTE: FMC WELL HEAD TURNING ON SEAL RING WHILE POOH. CALLED FMC BUT NO REP. CAME OUT). LAND TBG W/ EOT @ 5969'. NDBOPE. NUWH. PMP OFF THE BIT SUB @ 2300#. R/U FLOW BACK LINE. TURN OVER TO FLOW BACK CREW @ 11:00 A.M. RACK OUT EQUIP. LEAVE RIG OVER WELL FOR RIG MAINTENANCE.

NOTE: THERE IS NO S.N. IN TBG. FULL I.D. FOR LOGGING PURPOSES.

SICP 2325# FTP 2300# 20/64 CHOKE. TBG ON LOC 325 JTS
TBG IN WELL 192 JTS
JTS LEFT ON TRAILER 133 JTS

FLOW BACK REPORT: CP: 3250#, TP: 2600#, 35 BWPH, 20/64 CHK, TTL BBLS FLWD: 990 TODAYS LTR: 5989 BBLS, TTL LOAD RECD TO DATE: 990 BBLS

03/16/07 FLOW BACK REPORT: CP: 2750#, TP: 2100#, 35 BWPH, 20/64 CHK, TTL BBLS FLWD: 840 TODAYS LTR: 5149 BBLS, TTL LOAD RECD TO DATE: 1830 BBLS ON SALES: 1791 MCF, 0 BC, 840 BW, TP: 2100#, CP: 2750#, 20/64 CHK, 17 HRS, LP: 111#.

03/17/07 FLOW BACK REPORT: CP: 2500#, TP: 1900#, 25 BWPH, 20/64 CHK, TTL BBLS FLWD: 660 TODAYS LTR: 4489 BBLS, TTL LOAD RECD TO DATE: 2490 BBLS ON SALES: 2029 MCF, 0 BC, 600 BW, TP: 1900#, CP: 2500#, 20/64 CHK, 17 HRS, LP: 114#.

03/18/07 FLOW BACK REPORT: CP: 2250#, TP: 1750#, 16 BWPH, 20/64 CHK, TTL BBLS FLWD: 480 TODAYS LTR: 4009 BBLS, TTL LOAD RECD TO DATE: 2970 BBLS

Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

UTU-0579

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of	Well	Oil W	ell X	Gas	Γ	Dry	Othe	er					6.	If I	ndian, /	Allottee o	r Tribe N	lame
	Completion	_	Ne			ork Over			☐ Plu	ıg Back	Diff.	Resvr.						
o. 1)po o.	- Сотрания		Other _	w i	· ··	OIK OVE	_	Deepe			_							e and No.
			Offici _													08900		UNIT
2. Name of						_							1			ne and W		
KERR M		IL & G	AS ON	SHOR	ELF				2. Dl.	one No. (inc	aluda araa	onda)				0-25F		
3. Address										·		coue)			I Well			
1368 SC	OUTH 12	00 EAS	T VE	RNAL,	UTA	AH 8407	<b>'</b> 8			<u>-781-70:</u>	24		43	0473	37008	3		
4. Location	of Well (Re	port locai	ions clea	rly and in	n acco	ordance wii	th Fed	eral requi	rements,	*			10	. Fie	eld and	Pool, or	Explorate	ory
A 4			0.0	-/NI/A/ つ	10/	'FNL, 19	י/כב	-\ <b>\</b> /}								BUTTE		•
At surface			SE	-/ (N V V Z	134	I INL, IS	7241	VVL						. Se	c., T., F	R., M., or	Block ar	ıd
At top prod	. interval re	ported bel	ow											Su	rvey or	Area	SEC. 25	, T9S, R20E
• •	•														_	r Parish		13. State
At total dep	oth													ATA				UTAH
14. Date S			15.	Date T.I	D. Rea	ched				e Complete D & A	ed <b>X</b> Read	ly to Pr				s (DF, RI	CB, RT, 0	JL)*
01/04/07	7		02	/22/07					03/18		IA Read	iy to i iv	<sup>d.</sup>  48	63'G	<del>S</del> L			
18. Total D	Depth: MI	<u> </u>	10.05	0' 11	Q Plu	g Back T.I	D · y	MD	9985			20. De	pth Brid	ge Pl	ug Set:	MD		
16. 10tai L	repiii. Wii TV		เบ.บอ	J 1.	). I 10	ig Back 1.1		VD	3300							TVD		
21. Type E	lectric & O	her Mech	anical Lo	gs Run (S	Submi	it copy of e	each)				22. Was	well co	red? 🔯	No		Yes (Sul		
	,		,										n? 🔼			Yes (Sub		
CBL-CC	L-GR 🤊	HAT	:/5	n 10.	51						Dire	ctional S	Survey?	IXI :	No	☐ Yes	(Submit	copy)
23. Casing		ecord (R	eport all	strings se	et in w	vell)												
				Top (MD		Bottom (N	W)	Stage Cer	menter	No. of			y Vol.	C	Cement '	Top*	Amo	ount Pulled
	Size/Grade	,		TOP (IVIL	"	`	VID)	Dept	th	Type of		(B)	3L)					
20"	14"	36.7				40'				28								
12 1/4"		32.3#		I-40 J-	55	2770				710								
7 7/8"	4 1/2"	11.6	#			10,05	0'			1940	SX							
	<u></u>																	
24. Tubing		0.00		2 4 0 6	(D)	0:		Depth Se	+ (MD)	Packer De	onth (MD)		Size	-т	Depth	Set (MI	) Pac	ker Set (MD)
Size	Depth Se		Packer	Depth (M	(טו	Size		Deptil Se	t (IVID)	Tacket De	pui (MI)	-	5120	_	Бора		/	,
2 3/8"	597	U			-		<del> -</del>					┼~~	· · · · · · · · · · · · · · · · · · ·					
25 D. J.	in a Internal							26. Perfo	ration R	ecord								
25. Produc				Тор	T	Botton			forated		T	Size		No. F	Ioles	T	Perf. S	tatus
	Formation WASAT(			6080'	,	7809			080'-7			0.35		16	31		OPI	ĒN
11/	IESAVEF			8457'		9919			457'-9			0.36		12			OPI	EN
	ESAVE	\DE		0437		3313	-		101 0							1		
<u>C)</u>													- :	Г	200	-11		
D) 27. Acid, F	Gracture Tre	atment C	ement So	meeze E	tc.						1		1		ILC	EIV	ED	
	Depth Inter			luccze, z						Amount an	d type of	Materia			A DD	2 2 20		
	3080'-78		PN	ЛР 415	58 BI	BLS SLI	ICK I	H2O &	135,1	25# 30/5	50 SD				ALK	<del>2 3 20</del>	U7	
	8457'-99		PI	ИР 656	31 BI	BLS SLI	ICK I	H2O &	222,2	30# 30/5	50 SD							
	3101 00		<del> </del>										U	IV. U	FOIL,	GAS &	MINING	}
28. Produc	tion - Interv	al A		<u> </u>														
Date First	Test	Hours	Test	Oil		Gas	Water		Oil Gra	-	Gas		Pro	ductio	n Metho	d		
Produced	Date	Tested	Production			MCF	BBL	204	Согт. А	PI	Gravity				FI O	WS FR	OM W	'EH
03/18/07	03/18/07	24		·   C		2,623		384	Oil Gra	vity.	Well Statu	9			1 LO	<del>// 0   1  </del>	OW V	
Choke Size	Tbg. Press. Flwg. 1750#	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		Corr. A		,, on state							
20/64	SI	2250#		·   C	. 1	2623		384			L		PRO	OUC	ZING	GAS V	VELL	
28a. Produ	L																	
Date First	Test	Hours	Test	Oil		Gas	Water		Oil Gra	-	Gas		Pro	ductio	n Metho	d		
Produced	Date	Tested	Production	_		MCF	BBL	204	Corr. A	PI	Gravity				FI O	WS FR	M MO	/F11
03/18/07	03/18/07	24	2411	000		2623	Water	384	Oil Gra	vity	Well State	ıs				., 0 1 1		
Choke Size	Tbg. Press. Flwg. 1750#	Csg. Press.	24 Hr. Rate	Oil BBL	1	Gas MCF	BBL		Corr. A	-			_					
20/64	SI	2250#	1 .	- (	_	2623		384			<u> </u>		PRO	טטכ	JING	GAS V	VELL	
							_											

28b. Pro	duction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	L duction - Inte	rval D		<u> </u>	_1					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
29. Disp	29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD									
30. Sum	nary of Porou	ıs Zones (Iı	nclude Aqui	ifers):	,,			31. Formatio	on (Log) Markers	
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.										
For	Formation Top Bottom Descriptions, Contents, etc.			ts, etc.		Name	Top Meas. Depth			
	TCH /ERDE	4970' 8204'	8204'	ocedure).						
			nugging pre	occurre).						
	e enclosed att		,, ,, ,,			0.1.1.5	2 50	T Donort	4 Directional Comes	
	ectrical/Mecl indry Notice					Geologic Re Core Analysi		ST Report her:	4. Directional Survey	
36. I here	by certify tha	t the forego	ing and atta	ached inform	ation is com	plete and corr	ect as determined f		records (see attached inst	
Name (please print) SHEILA UPCHEGO						Title _		LAND ADMIN SPE	ECIALIST	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person k						Date	4/17/2007			
Title 18 U States any	S.C. Section false, fictition	1001 and T ous or frau	itle 43 U.S. dulent state	C. Section 12 ments or repi	resentations	as to any mat	y person knowingly ter within its jurisdi	ction.	and to any department of a	Sono, or the office

o U.S. GPO: 1999-573-624

Form 3160-5 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

OMB No. 1004-0135 Expires Jnovember 30, 2000

FORM APPROVED

5. Lease Serial No.

UTU-0579

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (APD)	for such proposals.		,		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A					
1. Type of Well				NATURAL BUTTES UNIT		
Oil Well X Gas Well	Other			8. Well Name and No.		
2. Name of Operator	NBU 920-25F					
KERR-McGEE OIL & GAS ON	SHORE LP			9. API Well No.		
3a. Address		3b. Phone No. (include area code) (435) 781-7024		4304737008		
1368 SOUTH 1200 EAST VEF	RNAL, UT 84078			10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., F	R., M., or Survey Description)			NATURAL BUTTES		
SENW SEC. 25, T9S, R20E 2194'FNL, 1924'FWL					11. County or Parish, State UINTAH COUNTY, UTAH	
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, REP	ORT, OR OTH	ER DATA	
TYPE OF SUBMISSION TYP				CTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	=			
Subsequent Report	Casing Repair New Construction Recomplete X Other MA Change Plans Plug and Abandon Temporarily Abandon			Other MAINTENANCE		
Final Abandonment Notice Convert to Injection Plug Back Water Disposal			sal			
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for fin	ally or recomplete horizontally, g rk will be performed or provide operations. If the operation results bandonment Notices shall be fil-	give subsurface locations and the Bond No. on file with ults in a multiple completion	d measured and tru BLM/BIA. Requi on or recompletion	ne vertical depths fred subsequent re in a new interval,	of all pertinent markers and zones. eports shall be filed within 30 days , a Form 3160-4 shall be filed once	

09/05/07 Travel to loc rig up attempt to fish plunger my jdc will not latch on the plunger come out blow tubing went back down latch on the plunger run td scratch and broach clean tubing plunger looks good drop and chase new spring and plunger to btm come out rig down travel to the 332

Fluid Level: gas cut TD: 9990' WLM Plunger: 8925' WLM Tight Spots: no

Spring: 8925' WLM Trash: no

RECEIVED

SEP 2 5 2007

14. I hereby certify that the foregoing is true and correct		DIV. OF OIL, GAS & MINING			
	Title SENIOR LAND ADI	MIN SPECIALIST			
Signature Millian Millian :	Date September 19, 200	(			
THIS SPACE FOR FEDERAL OR STATE USE					
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrancertify that the applicant holds legal or equitable title to those rights in the subject I which would entitle the applicant to conduct operations thereon.	ont or Office				
Title 18 U.S.C. Section 1001, make it a crime for any person knowing	gly and willfully to ma	ke to any department or agency of the United States any			

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

#### UTU-0579

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

abandoned well.						
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A					
1. Type of Well				NATURAL BUTTES UNIT		
Oil Well X Gas Well	Other Other		·	8. Well Name and No.		
2. Name of Operator				NBU 920-25F		
KERR-McGEE OIL & GAS C	ONSHORE LP		_	9. API Well No.		
3a. Address		3b. Phone No. (include	e area code)	4304737008		
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	n)		NATURAL BUTTES		
				11. County or Parish, State		
SENW SEC. 25, T9S, R20E	2194'FNL, 1924'FWL			UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE (	OF NOTICE, R	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION				
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation	(Start/Resume) Water Shut-Off on Well Integrity		
■ Subsequent Report □ Casing Repair □ New Construction □ Recomp			Recomplet Temporari	e MAINTENANCE ly Abandon		
Final Abandonment Notice Convert to Injection Plug Back Water Disposal				posal		
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.						

01/31/2008: THE OPERATOR PERFORMED A MAINTENACE WORK ON THE SUBJECT WELL LOCATION. PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing i	s true and correct				
Name (Printed/Typed)	Ti	Title			
SHEALA UPCHEGO//	つ ,  SF	ENIOR LAND ADMIN SPECIALIST			
Siturature //////		oate arch 13, 2008			
THIS SPACE FOR FEDERAL OR STATE USE					
Approved by		Title	Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	able title to those rights in the subject least operations thereon.	se			
Title 18 U.S.C. Section 1001, make	it a crime for any person knowingly	and willfully to mal	ke to any department or agency of the United-States any		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States an false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED



## Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

#### CHRONOLOGICAL WELL HISTORY

NBU 920-25F

SENW, SEC. 25, T9S, R20E UINTAH COUNTY, UT

01/31/08

rih w/mill

Days On WellWork: 1

Daily Detail: MIRU 1/30/08. 7:00- HSM. FTP 100, FCP 100. BLOW DOWN TBG. PUMP 7 BBLS DOWN TBG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG FROM 8910'. LUB

OUT AND LD HANGER. POOH AS S/B 287-JTS 2-3/8" L-80 TBG. LD 1.87" R-NIPPLE.

(PROFILE LOOKED GOOD. NO WASHOUTS) MU AND RIH W/ 3-7/8" MILL, POSB, 1.87" XN-NIPPLE ON 287-JTS 2-3/8" L-80 TBG. SDFN AT 5:00 PM W/ EOT AT 8902'. PMP 140 BBLS

FOR WELL CONTROL TODAY.

#### 02/01/08

Days On WellWork: 2

Daily Detail: 7:00 – HSM. SITP 850. BLOW CSG TO FLOW BACK TANK. PUMP 10 BBLS DOWN TBG. TALLY AND PU 2-3/8" L-80 TBG AS CONT RIH W/ 3-7/8" MILL ON TBG. TAG FILL AT 9942'. START FOAW AS RU PWR SWIVEL. 1-HR TO GET CIRC. MAX 1470 PSI. C/O 30' FILL FROM 9942' TO 9972' W/ 322-JTS IN. CIRC. CLEAN. PUMP 10 BBLS 2% DOWN TBG. RD PWR SWIVEL. POOH AS L/D 35-JTS 2-3/8" L-80 TBG. PU AND LUB IN HANGER. LAND 287-JTS 2-3/8" L-80 TBG W/ EOT AT 8909.72'. DROP BALL AND PUMP 24-BBLS 2%. RELEASE POBS AT 400 PSI. FIN PUMP TBG VOLUME OF 34-BBLS. RU SANDLINE AND RUN 1.90" BROACH TO EOT. GOOD. RD WELL OVER TO PRODUCTION. LEFT SHUT IN. SDFWE AT 3:30.

PMP 140 BBLS 2% TODAY. CUMM 280 BBLS 2%. RCVR 125 BBLS TODAY. CUMM 125 BBLS. LTR 155 BBLS. NO SCALE INSIDE OR OUTSIDE ON TBG. DID NOT CHANGE ANY TBG.

TBG DETAIL KB 17.00 HANGER .83 287-JTS 2-3/8" L-80 TBG 8889.69

287-JTS 2-3/8" L-80 1BG 8889.69 1.87" XN-NIPPLE 2.20

EOT 8909.72